



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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IN REPLY PLEASE
REFER TO FILE: **C-1**

July 1, 2008

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Dear Supervisors:

**CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS
(SUPERVISORIAL DISTRICTS 1 AND 5)
(3 VOTES)**

SUBJECT

This action is to approve changes in work and the increased contract amounts for public work works construction contracts in the Cities of Lancaster and Palmdale and in the unincorporated communities of Acton and City Terrace.

IT IS RECOMMENDED THAT YOUR BOARD:

Find that the requested changes in work have no significant effect on the environment and approve the increased contract amounts and the changes for the following construction contracts:

- Project ID No. RDC0013846 - Dwiggins Street, et al., to reconstruct roadway pavement; construct curb and gutter, sidewalk, driveways, cross gutters, alley intersections, reinforced concrete stairways, guardrail, retaining walls, and chainlink fence; and striping and pavement markings, in the unincorporated community of City Terrace (1), Los Angeles Engineering, Inc., for various miscellaneous changes required to complete the work as intended, with an increase in the contract amount of \$376,271.01.

- Project ID No. WWD4000004 - Acton and Antelope Valley Disinfection Conversion Project, to replace chlorine treatment equipment with chloramine treatment equipment, Cities of Lancaster and Palmdale and in the unincorporated community of Acton (5), Southwest Engineering, Inc., for an increase in bid quantities, modification of piping configuration, and installation of horns and strobe lights, with an increase in the contract amount of \$81,370.00.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended action is to obtain your Board's approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and the necessary time extensions are listed in the attachment for each contract.

The Acting Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Attached for your authorization are changes in work in excess of my delegated limits, which are required to complete Project ID Nos. RDC0013846 and WWD4000004.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs that we provide Service Excellence (Goal 1) and Community Services (Goal 6). Approval of these changes will provide improved infrastructure to better serve the public and enhance the quality of life in the affected communities.

FISCAL IMPACT/FINANCING

These changes in work will have no impact to the County General Fund.

The estimated change order amounts for these contracts are increases of \$81,370.00 and \$376,271.01.

Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the attachments.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Acting Director of Public Works.

ENVIRONMENTAL DOCUMENTATION

The changes in work as described above and in the attachments do not change any conditions which resulted in the original environmental findings.

CONTRACTING PROCESS

Each contract provides that the contractor be compensated for the work resulting from changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs are based on contract unit prices, time and materials, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the attachments.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

The Honorable Board of Supervisors
July 1, 2008
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CONCLUSION

Please return one adopted copy of this letter to the Department of Public Works,
Construction Division.

Respectfully submitted,


DEAN D. EFSTATHIOU
Acting Director of Public Works

DDE:JTS:lgm

Attachments (2)

c: County Counsel
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)

July 1, 2008

PROJECT ID NO. RDC0013846 - DWIGGINS STREET, ET AL. (in the unincorporated community of City Terrace), Supervisorial District 1, Contractor: Los Angeles Engineering, Inc.

Project Description:

Reconstruction of roadway pavement; construction of curb and gutter, sidewalk, driveways, cross gutters, alley intersections, reinforced concrete stairways, guardrail, retaining walls, and chainlink fence; striping and pavement markings; and other appurtenant work.

Changes in Work:

(1) Variations in Bid Quantities	\$178,472.00
(2) Revise Pavement Grades	12,048.00
(3) Temporary Stairway Access	14,500.00
(4) Revised Concrete Block Walls	29,419.01
(5) Revised Pavement Gutters	23,600.00
(6) Masonry Retaining Walls	<u>118,232.00</u>
Total	<u>\$376,271.01</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between bid quantities and actual quantities

(2) It will be necessary for the contractor to revise the pavement grade at various locations to allow for swing gates and fences located on private property to function properly.

(3) It will be necessary for the contractor to provide temporary stairway access for various properties located on DeGarmo and Rowan Avenues during construction.

(4) It will be necessary for the contractor to modify several concrete block walls on DeGarmo and Meisner Avenues to meet existing field conditions.

(5) It will be necessary for the contractor to build additional pavement gutters to allow for proper storm water flow on Dwiggins Street.

(6) It will be necessary to have the contractor build additional masonry retaining walls at several locations to meet the intent of the design.

The costs for Items 1 and 6, and a portion of Item 4 will be based on contract unit prices. The costs for Item 5 and portion of Item 4 will be based on time and materials as provided in Subsection 3-3 of the contract specifications. The costs for Items 2 and 3, and the remaining portion of Item 4 will be negotiated as provided in Subsection 3-2 of contract specifications.

Seventy-one additional working days will be required because of these changes.

Financial Information:

Funding for these changes in work is included in the Proposed Fiscal Year 2008-09 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$3,925,974.00
Changes in work previously approved by your Board	212,755.90
Changes in work to be authorized	<u>376,271.01</u>
Revised contract amount	<u>\$4,515,000.91</u>

JRP:en

CHANGE IN WORK (AUTHORIZE)

July 1, 2008

PROJECT ID NO. WWD4000004, ACTON AND ANTELOPE VALLEY DISINFECTION
CONVERSION PROJECT (Cities of Lancaster and Palmdale and in the unincorporated
community of Acton), Supervisorial District 5, Contractor: Southwest Engineering, Inc.

Project Description:

Replacement of existing chlorine treatment equipment with chloramine treatment
equipment and other appurtenant work.

Changes in Work:

(1) Variations in Bid Quantities	\$ 6,084.00
(2) Hoist Retest	2,320.00
(3) Chain Link Fence	1,880.00
(4) Ammonia Room Improvements	6,800.00
(5) Modify Sample Lines	7,000.00
(6) Horns and Strobe Lights	28,191.00
(7) Reconfigure Analyzer Piping	<u>29,095.00</u>
Total	<u>\$81,370.00</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) After testing the trolley beams with a certified weight, it was determined additional structural support would be necessary at each of the sites. Retesting of the trolley beams will now be necessary to certify the hoist systems.

(3) It will be necessary to place an 8-foot chainlink fence around the manhole at Site 17 to provide adequate security. This work is not shown on the plans.

(4) It will be necessary to install ball valves at all sites between the ammonia tanks and the pumps to allow for repairs. This work is not shown on the plans.

(5) During start-up activities at Site 6, technical problems were encountered with the sample pump and analyzer piping arrangement. As a result, modifications to the system will be made to correct the problems.

(6) To meet hazardous material handling standards, it was determined that strobe lights and siren horns would be required outside of the 18 new ammonia rooms. This work is not shown on the plans.

(7) As designed, the stainless steel piping arrangement connected to the sampling pump did not work. It will be necessary to make changes to the piping arrangement in order to get the system to work properly. These changes are required at all 18 sites.

The costs for Item 1 are based on contract unit prices. The costs for Items 2, 3, 4, 6, and 7 were negotiated as provided in Subsection 3-2 of the contract specifications. The costs for Item 5 will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

Ten additional working days will be required because of these changes.

Financial Information:

Funding for these changes in work is included in the Proposed Fiscal Year 2008-09 Accumulative Capital Outlay Funds for Waterworks District No. 37, Acton, and District No. 40, Antelope Valley.

Revised Contract Amount:

Original contract amount	\$6,945,610.00
Changes in work previously approved by your Board	827,823.24
Changes in work to be authorized	<u>81,370.00</u>
Revised contract amount	<u>\$7,854,803.24</u>

TKB:en